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TREATING DEVICE FOR ENDOSCOPE**BEST AVAILABLE COPY**

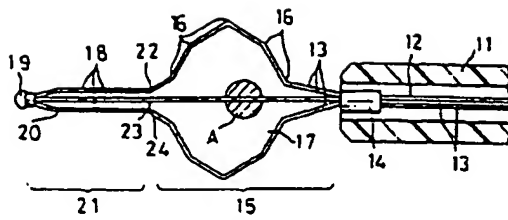
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Applicant(s): OLYMPUS OPTICAL CO LTD
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EC Classification:
Equivalents: JP2997484B2

Abstract

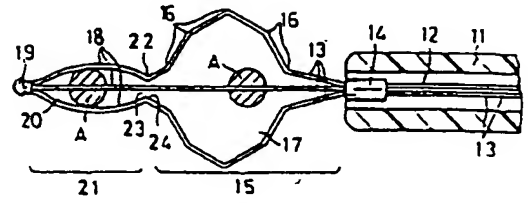
PURPOSE: To take out a number of foreign matters outside a body in one time by continuously installing a flexible accommodation part for the formation of a space at the top edge of a holding part consisting of a plurality of elastic wires and forming a small diameter part whose diameter can elastically be spread at the continuous installation part to the accommodation part and the holding part.

CONSTITUTION: A holding part 15 and an accommodation part 21 are accommodated into the top edge part of a flexible sheath 11, and inserted into an aimed part, and an operating wire 12 is pushed out, and the holding part 15 and the accommodation part 21 are projected from the top edge of the flexible sheath 11, and then four elastic wires 13 are spread in radial form, and the holding part 15 is expanded in cage form, and a foreign material A is taken into a space 17. After the foreign material A is taken in, the holding part 15 is pulled into the flexible sheath 11 by the operation of the operation part and contracted, and then the foreign matters A are successively pushed out towards the accommodation part 21 side, and pushed into the accommodation part 21 through a space 23, spreading a small diameter part 24. Accordingly, each time when one foreign matter A is taken into the holding part 15, the above-described operation is repeated, and the foreign matter A is pushed into the accommodation part 21, and a number of foreign matters can be taken in, keeping an endoscope in inserted state.

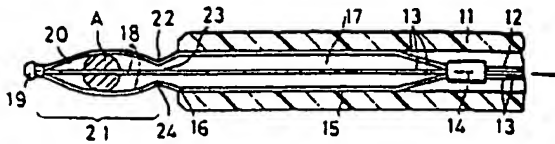
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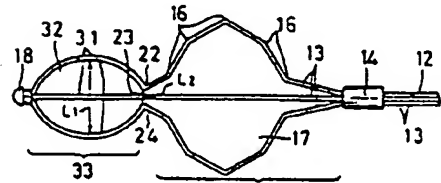
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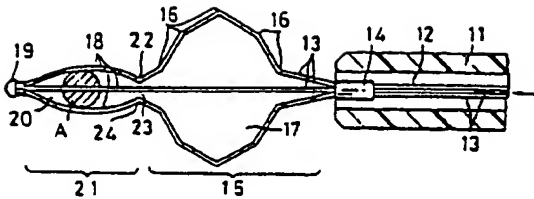
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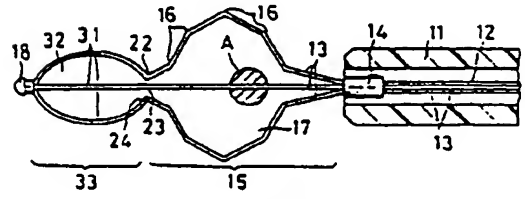
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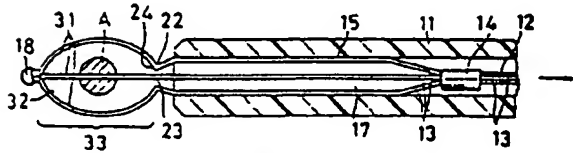
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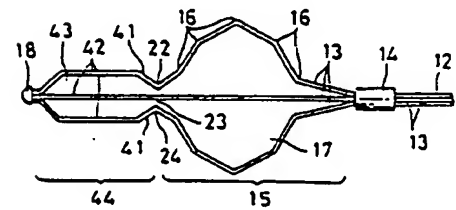
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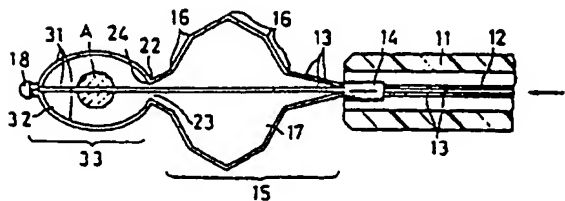
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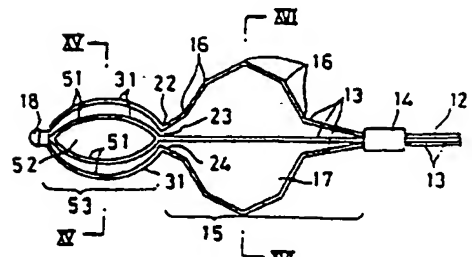
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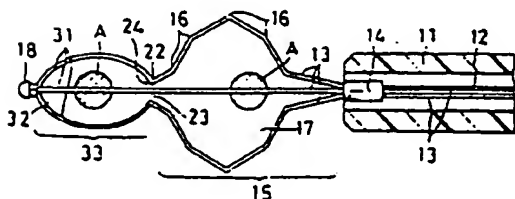
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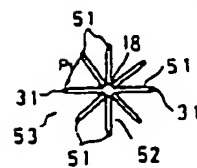
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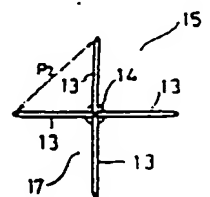
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第12図



第15図



第16図